

WHAT IS CLAIMED IS:

1. A printer system, wherein polling monitoring is conducted between a host computer serving as a monitoring device and a printer serving as a monitored device, in which the host computer accesses the printer at predetermined intervals to grasp current status of the printer, and the printer executes printing operations according to print data and a control command sent from the host computer to the printer based on results of the polling monitoring;

the host computer comprising:

a communications control means for performing polling monitoring and sending control of print data and a control command to the printer;

a print control means for performing generation and the like of the print data and the control command;

a command analysis means for analyzing content of status information sent from the printer in response to sending of the status request command in the polling monitoring; and

an access interval alteration means for altering the interval at which the status request command is sent to the printer based on the result of the polling monitoring by the communications control means; and

the printer comprising:

a communications control means for supporting bi-directional communications with the host computer;

a status control means for controlling generation of printer status information in response to the status request command that is sent accompanying execution of the polling monitoring by the host computer;

a print data analysis means for analyzing the print data; and

a print execution means for executing printing based on the analyzed print data.

2. A printer system according to claim 1, wherein

the access interval alteration means is comprised of a timer for determining access interval and a timer control means for controlling the timer; and

the timer control means can, in a case where the status information sent from the printer indicates an abnormality in the printer itself or a communications abnormality or in a case where it indicates that the printer is in busy status, alter timer access intervals so that the intervals become shorter than those in a case where the printer indicates normal operation status.